

Feals 2400mg Lab Tests.

At Feals, our goal is to produce the purest end product as possible. In order to do so, we test your CBD at each step of our production process.

Lot Number: 21113A

TEST 1

Hemp Test

Our American grow partners sign an affidavit ensuring organic farming practices are used, before their initial test to validate no traces of any 60 potentially harmful pesticides are found, and that THC levels are below the 0.3% limit required by law.

- ✓ 60 Pesticide Test
- ✓ Under legal limit of 0.3% THC

TEST 2

Extraction Test

Once the plants pass the partner's quality assurance, they are brought to our CO₂ extraction facility. Here, the oil is retested for the 0.3% limit and goes through a comprehensive profile and potency test to determine the plant's unique cannabinoid makeup.

- ✓ Cannabinoid Profile Test
- ✓ Under legal limit of 0.3% THC

TEST 3

Final Test

Before being shipped to your door, we ensure the accuracy of our partner tests by sending each batch through a final test of quality, profile, and potency. A summary of that test is summarized below and the actual results are on the following pages.

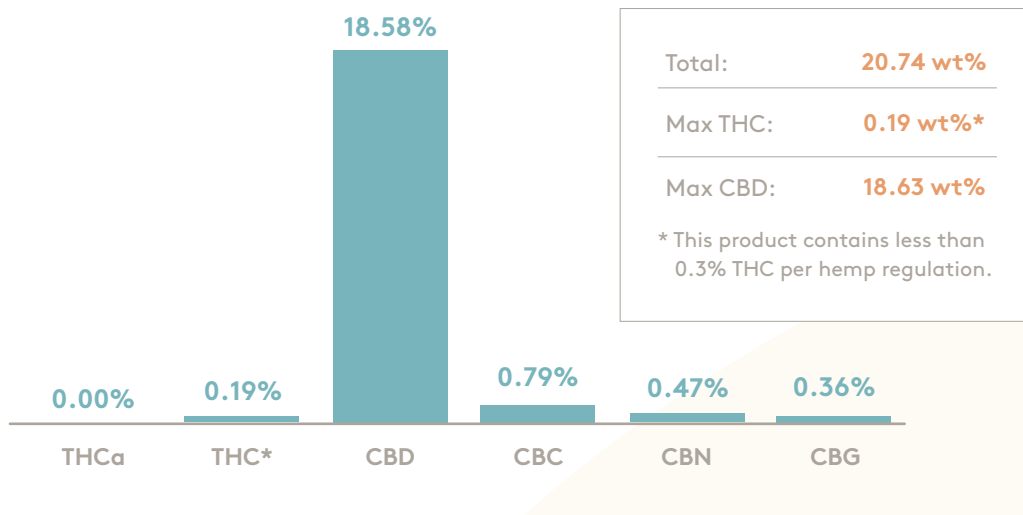
- ✓ All previous tests taken one last time

Pesticide Test: ✓ PASS

Heavy Metals Test: ✓ PASS

Microbiology Test: ✓ PASS

Cannabinoid Profile & Potency



Feals 2400


Prepared for:


Feals, Inc.

Batch ID or Lot Number: 21113A	Test: Potency	Reported: 12/27/21	
Matrix: Concentrate	Test ID: T000180895	Started: 12/22/21	USDA License: N/A
Status: N/A	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis (Colorado Panel)	Received: 12/21/2021 @ 09:32 AM	Sampler ID: N/A

CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.036	0.132	ND	ND	N/A
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.041	0.149	0.191	1.91	
Cannabidiolic acid (CBDA)	0.050	0.158	0.057*	0.57*	
Cannabidiol (CBD)	0.049	0.154	18.582	185.82	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.045	0.164	0.162*	1.62*	
Cannabinolic Acid (CBNA)	0.026	0.094	ND	ND	
Cannabinol (CBN)	0.012	0.043	0.470	4.70	
Cannabigerolic acid (CBGA)	0.038	0.138	ND	ND	
Cannabigerol (CBG)	0.009	0.033	0.361	3.61	
Tetrahydrocannabivarinic Acid (THCVA)	0.032	0.116	ND	ND	
Tetrahydrocannabivarin (THCV)	0.008	0.030	0.128	1.28	
Cannabidivarinic Acid (CBDVA)	0.021	0.066	ND	ND	
Cannabidivarin (CBDV)	0.012	0.036	ND	ND	
Cannabichromenic Acid (CBCA)	0.015	0.053	ND	ND	
Cannabichromene (CBC)	0.016	0.058	0.789	7.89	
Total Cannabinoids			20.740	207.40	
Total Potential THC**			0.191	1.91	
Total Potential CBD**			18.632	186.32	


 Jacob Miller
 27-Dec-2021
 06:15 PM


 Ryan Weems
 27-Dec-21
 6:19 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Indicates a value below the Limit of Quantitation (LOQ) and above the Limit of Detection (LOD).

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa *(0.877)) and

Total CBD = CBD + (CBDa *(0.877))

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

ND = None Detected (Defined by Dynamic Range of the method)

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.



CDPHE Certified

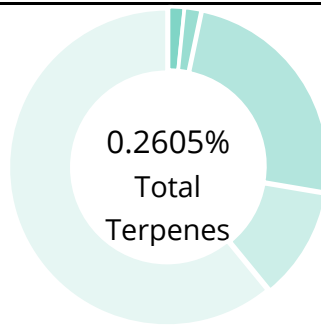


Certificate #4329.02

Feals 2400

Batch ID:	21113A	Test ID:	T000180896
Type:	Concentrate	Submitted:	12/21/2021 @ 09:32 AM
Test:	Terpenes	Started:	12/22/2021
Method:	TM22 (GC-MS)	Reported:	12/27/2021

TERPENE PROFILE



PREDOMINANT TERPENES

alpha-Pinene	0.0000
(-)-beta-Pinene	0.0000
beta-Myrcene	0.0000
delta-3-Carene	0.0000
alpha-Terpinene	0.0000
d-Limonene	0.0032
Linalool	0.0034
beta-Caryophyllene	0.0489
alpha-Humulene	0.0229
(-)-alpha-Bisabolol	0.1222

Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.1222	1.222
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.0489	0.489
(-)-Caryophyllene Oxide	0.0526	0.526
p-Cymene	0.0000	0.000
Eucalyptol	0.0000	0.000
Geraniol	0.0000	0.000
alpha-Humulene	0.0229	0.229
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0032	0.032
Linalool	0.0034	0.034
beta-Myrcene	0.0000	0.000
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0073	0.073
Ocimene	0.0000	0.000
beta-Ocimene	0.0000	0.000
alpha-Pinene	0.0000	0.000
(-)-beta-Pinene	0.0000	0.000
alpha-Terpinene	0.0000	0.000
gamma-Terpinene	0.0000	0.000
Terpinolene	0.0000	0.000
	0.2605	2.605

NOTES:

N/A

FINAL APPROVAL

	Jacob Miller 27-Dec-2021 3:55 PM		Ryan Weems 27-Dec-2021 3:57 PM
---	--	---	--------------------------------------

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited

A2LA Certificate Number 4329.02



Certificate #4329.02

Prepared for:

Feals 2400
Feals, Inc.


Batch ID or Lot Number: 21113A	Test: Microbial Contaminants	Reported: 12/27/21	
Matrix: Finished Product	Test ID: T000180898	Started: 12/21/21	USDA License: N/A
Status: N/A	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel)	Received: 12/21/2021 @ 09:32 AM	Sampler ID: N/A

MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LLOQ	ULOQ	Result	Notes
Total Aerobic Count*	TM-26, Culture Plating	10 ² CFU/g	10 ³ CFU/g	1.5x10 ⁵ CFU/g	None Detected	Free from visual mold, mildew, and foreign matter
Total Coliforms*	TM-27, Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
Total Yeast and Mold*	TM-24, Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
E. coli (STEC)	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	
Salmonella	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	


 Brianne Maillot
 12/24/2021
 10:51:00 AM

PREPARED BY / DATE


 Carly Bader
 12/27/2021
 11:21:00 AM

APPROVED BY / DATE

Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

 CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*

* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: 10² = 100 CFU
 10³ = 1,000 CFU
 10⁴ = 10,000 CFU
 10⁵ = 100,000 CFU

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.



CDPHE Certified



Certificate #4329.02

Prepared for:

Feals 2400**Feals, Inc.**


Batch ID or Lot Number: **21113A** Test: **Pesticides** Reported: **12/22/21**

Matrix: Concentrate Test ID: T000180897 Started: 12/22/21 USDA License: N/A


Status: N/A Method: TM17(LC-QQQ LC MS/MS): Received: 12/21/2021 @ 09:32 AM Sampler ID: N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	42	ND	Fenoxycarb	40	ND	Paclobutrazol	46	ND
Acetamiprid	41	ND	Fipronil	25	ND	Permethrin	305	ND
Avermectin	351	ND	Flonicamid	44	ND	Phosmet	37	ND
Azoxystrobin	42	ND	Fludioxonil	306	ND	Prophos	278	ND
Bifenazate	38	ND	Hexythiazox	41	ND	Propoxur	42	ND
Boscalid	43	ND	Imazalil	261	ND	Pyridaben	297	ND
Carbaryl	40	ND	Imidacloprid	43	ND	Spinosad A	33	ND
Carbofuran	41	ND	Kresoxim-methyl	150	ND	Spinosad D	51	ND
Chlorantraniliprole	15	ND	Malathion	283	ND	Spiromesifen	287	ND
Chlorpyrifos	500	ND	Metalaxyl	41	ND	Spirotetramat	296	ND
Clofentezine	286	ND	Methiocarb	42	ND	Spiroxamine 1	17	ND
Diazinon	277	ND	Methomyl	40	ND	Spiroxamine 2	24	ND
Dichlorvos	290	ND	MGK 264 1	177	ND	Tebuconazole	277	ND
Dimethoate	40	ND	MGK 264 2	118	ND	Thiacloprid	42	ND
E-Fenpyroximate	302	ND	Myclobutanil	46	ND	Thiamethoxam	44	ND
Etofenprox	43	ND	Naled	45	ND	Trifloxystrobin	43	ND
Etoxazole	307	ND	Oxamyl	1500	ND			

 Sam Smith
12/22/2021
3:10:00 PM

PREPARED BY / DATE

 Courtney Richards
12/22/2021
4:08:00 PM

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification

ppb = Parts per Billion

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.



Certificate #4329.02

Prepared for:

Feals 2400**Feals, Inc.**

Batch ID or Lot Number: 21113A	Test: Metals	Reported: 12/29/21
--	------------------------	------------------------------

Matrix: Unit Co	Test ID: T000180899	Started: 12/28/21	USDA License: N/A
--------------------	------------------------	----------------------	----------------------

Status: N/A	Method: TM19 (ICP-MS): Heavy Metals (Colorado Panel)	Received: 12/21/2021 @ 09:32 AM	Sampler ID: N/A
----------------	--	------------------------------------	--------------------

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.047 - 4.65	ND	
Cadmium	0.046 - 4.63	ND	
Mercury	0.046 - 4.63	ND	
Lead	0.047 - 4.66	ND	

 Sam Smith
29-Dec-21
5:49 PM

PREPARED BY / DATE

 Ryan Weems
29-Dec-21
5:52 PM

APPROVED BY / DATE

Definitions

ND = None Detected (Defined by Dynamic Range of the method)

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.



CDPHE Certified



Certificate #4329.02

Prepared for:

Feals 2400
Feals, Inc.


Batch ID or Lot Number: 21113A	Test: Residual Solvents	Reported: 12/22/21	
Matrix: N/A	Test ID: t000180900	Started: 12/21/21	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents (Colorado Panel)	Received: 12/21/2021 @ 09:32 AM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	92 - 1850	*ND	
Butanes	179 - 3572	*ND	
(Isobutane, n-Butane)			
Methanol	61 - 1210	*ND	
Pentane	93 - 1870	*ND	
Ethanol	95 - 1894	*ND	
Acetone	101 - 2021	*ND	
Isopropyl Alcohol	102 - 2040	*ND	
Hexane	6 - 122	*ND	
Ethyl Acetate	101 - 2023	*ND	
Benzene	0.2 - 4.2	*ND	
Heptanes	97 - 1950	*ND	
Toluene	18 - 370	*ND	
Xylenes	134 - 2683	*ND	
(m,p,o-Xylenes)			


 Ryan Weems
 22-Dec-21
 1:16 PM

PREPARED BY / DATE


 Sam Smith
 22-Dec-21
 1:21 PM

APPROVED BY / DATE

Definitions

* ND = None Detected (Defined by Dynamic Range of the method)

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.



CDPHE Certified



Certificate #4329.02

Prepared for:

Feals 2400**Feals, Inc.**

Batch ID or Lot Number: 21113A	Test: Mycotoxins	Reported: 12/29/21
--	----------------------------	------------------------------

Matrix: Concentrate	Test ID: T000180901	Started: 12/29/21	USDA License: N/A
------------------------	------------------------	----------------------	----------------------

Status: N/A	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins (Colorado Panel)	Received: 12/21/2021 @ 09:32 AM	Sampler ID: N/A
----------------	---	------------------------------------	--------------------

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.5 - 133.6	ND	N/A
Aflatoxin B1	1 - 33.2	ND	
Aflatoxin B2	1 - 33.2	ND	
Aflatoxin G1	1 - 33.2	ND	
Aflatoxin G2	1.1 - 32.6	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Sam Smith
29-Dec-21
5:54 PM

PREPARED BY / DATE

Ryan Weems
29-Dec-21
6:12 PM

APPROVED BY / DATE

Definitions

ND = None Detected (Defined by Dynamic Range of the method)

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.



CDPHE Certified



Certificate #4329.02